

PATENT NUMBER

**O.I.P.E.**

**PATENT DATE**

**SCANNED**

Die 1. Am

EXAMINER  
J. BRENN

## APPLICANTS

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## Optimizing updatable scrollable cursors in database systems

PTO-2040  
12/89

**ORIGINAL**

**CROSS REFERENCE(8)**

## CLASS

**SUBCLASS**

## CLASS

**SUBCLASS (ONE SUBCLASS PER BLOCK)**

**INTERNATIONAL CLASSIFICATION**

☐ Continued on Issue Slip Inside File Jacket

## TERMINAL DISCLAIMER

## DRAWINGS

**CLAIMS ALLOWED**

**Sheets Drwg.**

**Figs. Drwg.**

Print Fig.

### Total Claims

### Print Claim for O.G.

☐ The term of this patent  
subsequent to \_\_\_\_\_ (date)  
has been disclaimed.

☐ The term of this patent shall not extend beyond the expiration date of U.S. Patent No. \_\_\_\_\_

☐ The terminal \_\_\_\_ months of this patent have been disclaimed.

**(Assistant Examiner)**

(Date)

(Primary Examiner)

(Date)

(Legal Instruments Examiner)

(Date)

**NOTICE OF ALLOWANCE MAILED**

## ISSUE FEE

**Amount Due**

Date Paid

**ISSUE BATCH NUMBER**

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Form PTO-436A  
(Rev. 6/99)

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(FACE)